

Converting Colors

XYZ(35.4941, 30.9906, 33.1379)

Have a look what the booklet for
XYZ(35.4941, 30.9906, 33.1379)
contains.

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Color

**XYZ(35.4369, 30.9121,
32.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8996
RGB	189, 137, 150
RGB Percent	74%, 54%, 59%
CMY	0.2588, 0.4627, 0.4118
CMYK	0.00, 0.28, 0.21, 0.26
HSL	345°, 28%, 64%
HSV	345°, 28%, 74%
XYZ	35.4369, 30.9121, 32.9531
YIQ	154.0300, 26.8190, 15.0670

Conversions

Conversions Part 2

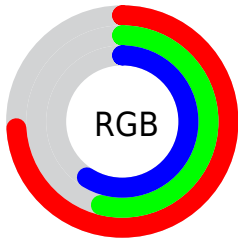
Format	Color
RYB	189, 137, 150
Decimal	12421526
CIELab	62.43, 21.79, 0.95
CIELCh	62, 21.813, 2.498
Yxy	30.9121, 0.3569, 0.3113
Android (android.graphics.Color)	4290611606 (0xFFBD8996)
YUV	154.0300, -1.9868, 30.6687
Hunter-Lab	55.5987, 16.4729, 3.7781

Details

The XYZ color **35.4369, 30.9121, 32.9531** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3518, 44.8488, 47.8171**, and the grayscale version is **30.7292, 32.3295, 35.2068**.

A 20% lighter version of the original color is **67.5359, 61.2141, 65.3827**, and **15.6520, 12.8681, 13.4632** is the 20% darker color. If you saturate the color by 10%, you get **31.9086, 25.5730, 26.4817**, and if you desaturate by 10%, it is **39.5757, 37.2505, 40.3100**.

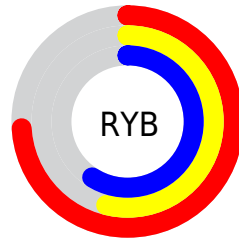
Distribution



Red (74%)

Green (54%)

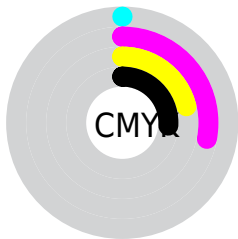
Blue (59%)



Red (74%)

Yellow (54%)

Blue (59%)

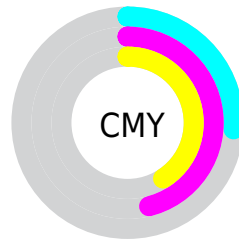


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (46%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4369, 30.9121, 32.9531 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 35.4369, 30.9121, 32.9531 by changing the saturation by 10% instead.

 35.4369, 30.9121,
32.9531


 35.4369, 30.9121,
32.9531


317.9669,
306.1332, 330.0639


 24.1677, 20.5319,
21.8197


 67.4916, 61.1017,
65.4175

 15.5835, 12.7823,
13.5274


 89.0079, 81.6798,
87.5855

 9.3189, 7.2788,
7.6577


 114.6705,
106.4261, 114.2688

 5.0085, 3.6371,
3.7921

144.8449,
135.7249, 145.8860

 2.2871, 1.4727,
1.5120

179.8963,
169.9606, 182.8556

 0.7880, 0.2694,
0.2268

220.1903,

 0.0000, 0.0000,

209.5176, 225.5960

0.0000

266.0920,
254.7804, 274.5260

■ 35.4369, 30.9121,
32.9531

■ 35.4369, 30.9121,
32.9531

■ 31.9086, 25.5730,
26.4817

■ 39.5757, 37.2505,
40.3100

■ 28.9587, 21.1778,
20.8600

■ 44.3497, 44.6314,
48.5827

■ 26.5562, 17.6724,
16.0523

■ 49.7856, 53.1004,
57.8023

■ 24.6657, 14.9953,
12.0195

■ 55.9077, 62.6993,
67.9979

■ 23.2480, 13.0771,
8.7191

■ 62.7390, 73.4678,
79.1973

■ 22.2574, 11.8370,
6.1044

■ 70.3015, 85.4434,
91.4271

■ 21.6299, 11.1580,
4.1191

■ 73.8815, 89.1929,
103.1348

■ 21.5043, 11.0260,
3.7097

■ 74.7963, 89.5589,
107.9521

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.7197, 30.9121, 41.7534



35.4369, 30.9121, 32.9531



34.4434, 30.9121, 25.6436

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.4369, 30.9121, 32.9531



26.4302, 30.9121, 21.7050



26.8323, 30.9121, 50.2707

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.4369, 30.9121, 32.9531



36.3518, 44.8488, 47.8171

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.8407, 30.9121, 43.1892



35.4369, 30.9121, 32.9531



24.6197, 30.9121, 26.6831

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.4369, 30.9121, 32.9531



29.1338, 30.9121, 19.8673



24.0576, 30.9121, 34.3729



29.6296, 30.9121, 52.6933

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.4369, 30.9121, 32.9531



32.9811, 30.9121, 22.3195



24.0576, 30.9121, 34.3729



26.0530, 30.9121, 48.3036

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.4378, 30.9135, 32.9537



78.8686, 79.0632, 86.0486



36.0365, 30.7970, 52.1894



16.6690, 16.5505, 18.0036



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.4378, 30.9135, 32.9537



59.5383, 49.4026, 51.8595



36.4089, 34.4390, 28.3971



9.6254, 9.5744, 10.4162



14.4951, 7.4292, 2.6347



0.5950, 0.3019, 0.2465

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.4378, 30.9135, 32.9537



59.5383, 49.4026, 51.8595



35.0282, 40.0441, 54.0274



9.6254, 9.5744, 10.4162



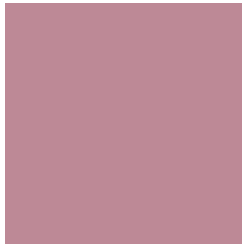
14.4951, 7.4292, 2.6347



0.5950, 0.3019, 0.2465

Previews

White Background



This preview shows how the XYZ color 35.4369, 30.9121, 32.9531 looks on a white background.

Color Contrast Check

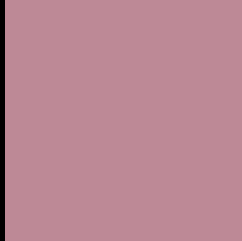
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.4369, 30.9121, 32.9531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

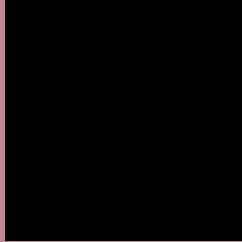
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4369, 30.9121, 32.9531

Background



This preview shows how black text looks on a background with the XYZ color 35.4369, 30.9121, 32.9531.



This preview shows how white text looks on a background with the XYZ color 35.4369, 30.9121,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.4369, 30.9121, 32.9531

Protanopia

30.0268, 30.9567, 36.7404

Deuteranopia

31.5605, 30.9114, 32.3200



Tritanopia

35.2772, 30.8483, 32.1120

Trichromacy



Original Color

35.4369, 30.9121, 32.9531

Protanomaly

31.5588, 30.6167, 35.2566

Deuteranomaly

32.9265, 30.9288, 32.6682

Tritanomaly

35.3567, 30.8801, 32.5307

Monochromacy



Original Color

35.4369, 30.9121, 32.9531

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.2760, 31.6952, 34.5536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4369, 30.9121, 32.9531 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(189, 137, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 137, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.4369, 30.9121, 32.9531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 137, 150) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 137, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(189, 137,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4369, 30.9121, 32.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 137, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
137, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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